

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110762.D
 Acq On : 14 Nov 2018 14:17
 Operator : JU/SJ
 Sample : J5911-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-08(11-13)

Quant Time: Nov 14 15:37:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

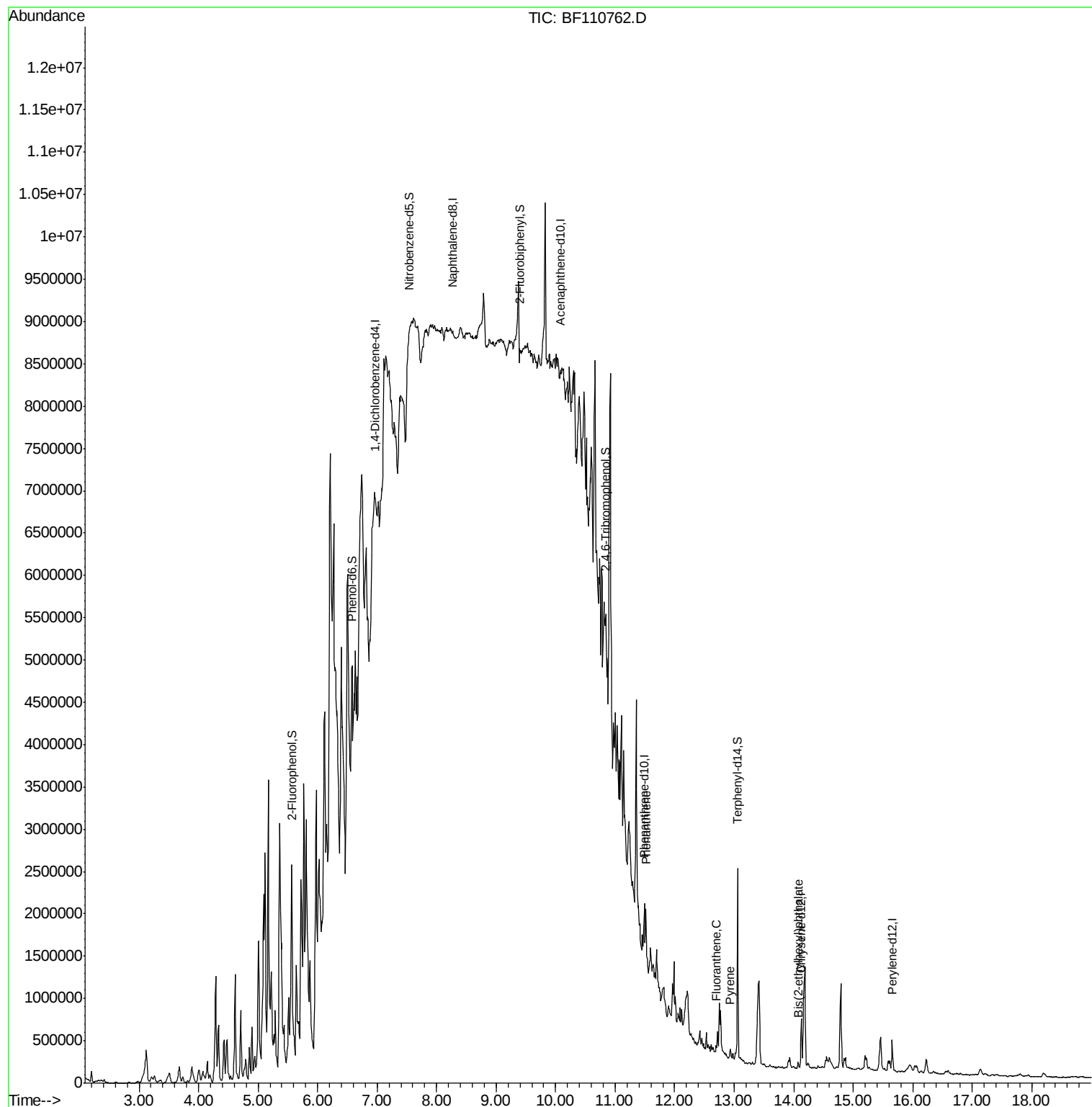
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	43439	20.00	ng	0.02
21) Naphthalene-d8	8.28	136	119932	20.00	ng	0.05
39) Acenaphthene-d10	10.09	164	52339	20.00	ng	0.09
64) Phenanthrene-d10	11.49	188	233669	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190043	20.00	ng	-0.01
87) Perylene-d12	15.66	264	188509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	724799	271.02	ng	0.00
7) Phenol-d6	6.58	99	831723	243.21	ng	0.00
23) Nitrobenzene-d5	7.53	82	192566	92.47	ng	0.01
42) 2,4,6-Tribromophenol	10.83	330	151917	288.06	ng	0.04
45) 2-Fluorobiphenyl	9.40	172	267261	72.93	ng	0.09
79) Terphenyl-d14	13.06	244	768743	75.76	ng	0.00
Target Compounds						
71) Phenanthrene	11.52	178	250215	19.987	ng	Qvalue # 96
75) Fluoranthene	12.70	202	29727	2.369	ng	92
78) Pyrene	12.93	202	34631	2.367	ng	# 91
84) Bis(2-ethylhexyl)phthalate	14.07	149	18028	2.307	ng	96

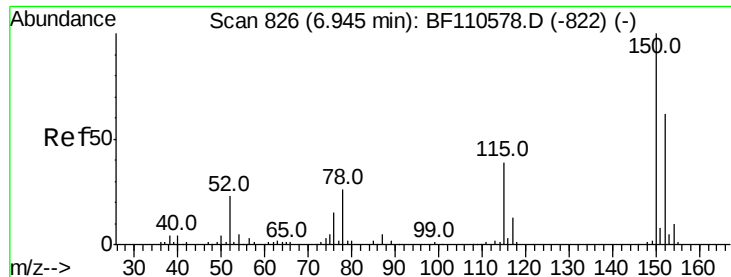
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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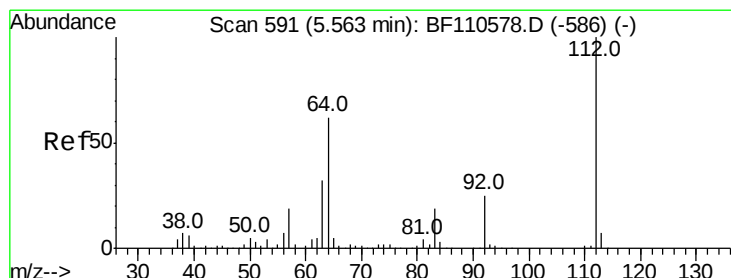
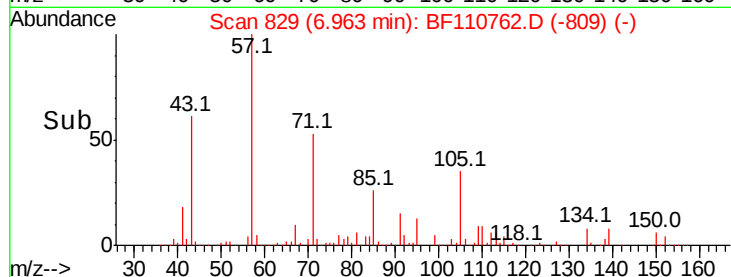
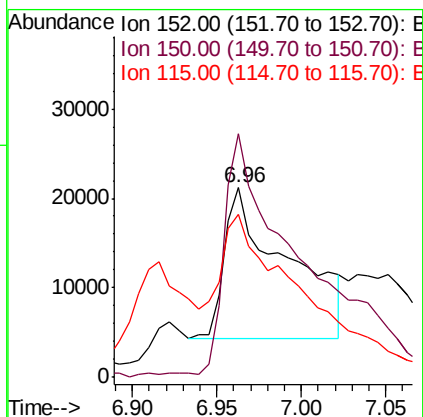
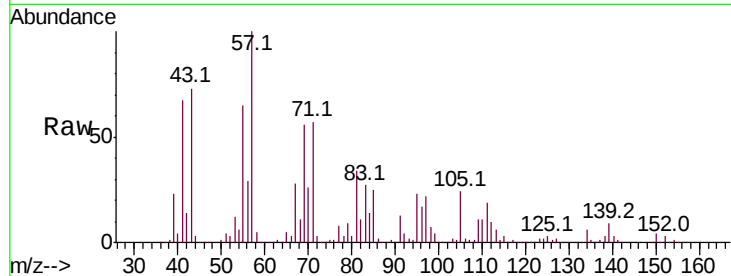


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.02 min
Lab File: BF110762.D
Acq: 14 Nov 2018 14:17

Instrument :
BNA_F
ClientSampleId :
FDSB-08(11-13)

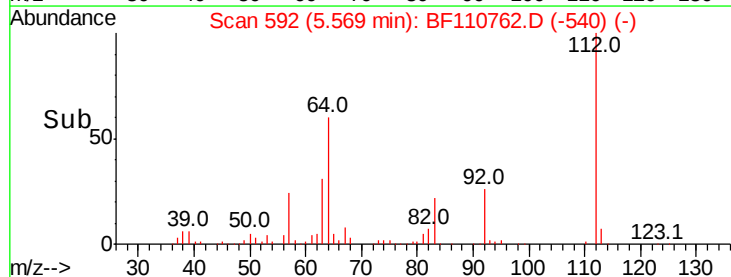
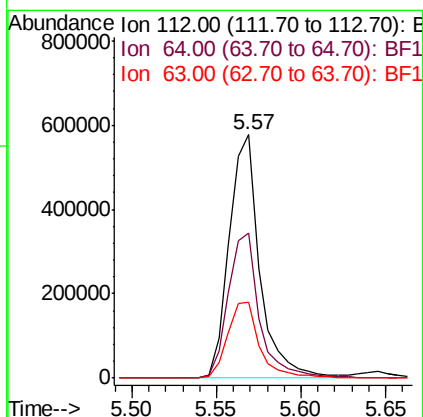
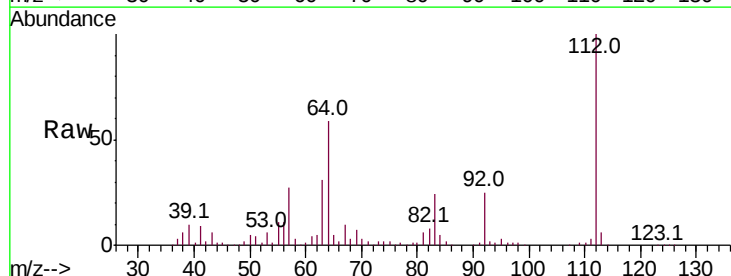
Tot Ion:152 Resp: 43439
Ion Ratio Lower Upper
152 100
150 128.5 122.7 184.1
115 85.9 49.1 73.7#

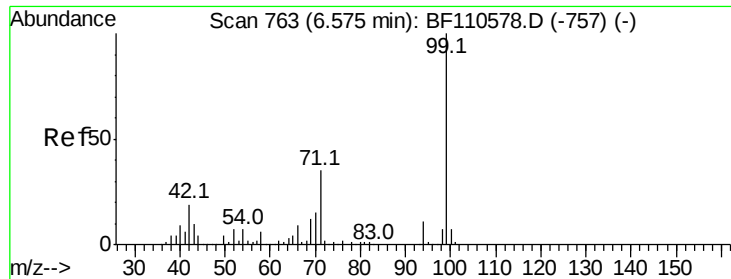


#5

2-Fluorophenol
Concen: 271.024 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110762.D
Acq: 14 Nov 2018 14:17

Tgt Ion:112 Resp: 724799
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 243.209 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

Instrument :

BNA_F

ClientSampleId :

FDSB-08(11-13)

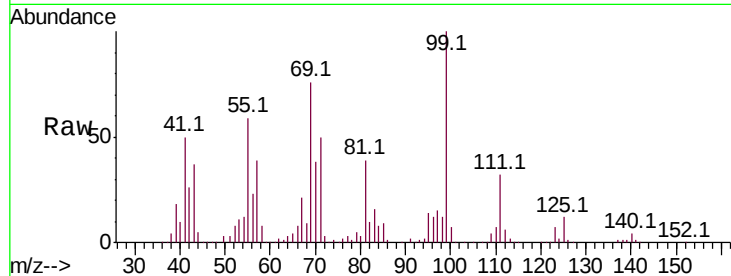
Tot Ion: 99 Resp: 831723

Ion Ratio Lower Upper

99 100

42 26.3 15.8 23.6#

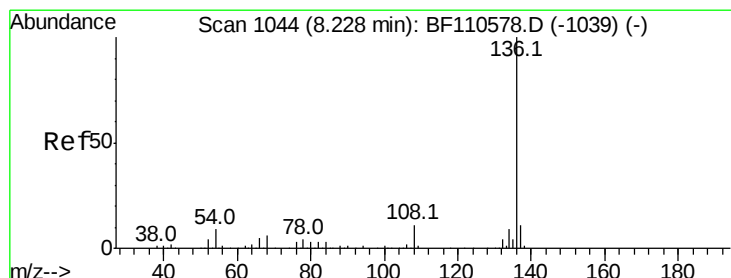
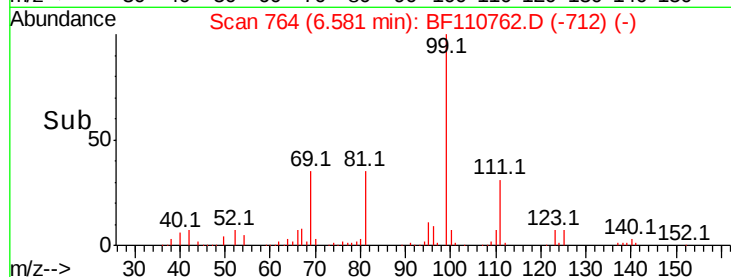
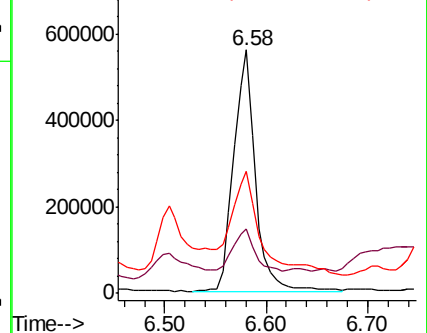
71 50.3 28.0 42.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.05 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

Tgt Ion:136 Resp: 119932

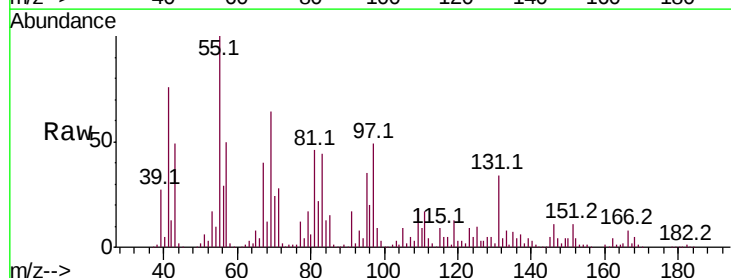
Ion Ratio Lower Upper

136 100

137 157.5 8.8 13.2#

54 268.7 5.4 8.2#

68 331.6 4.2 6.2#

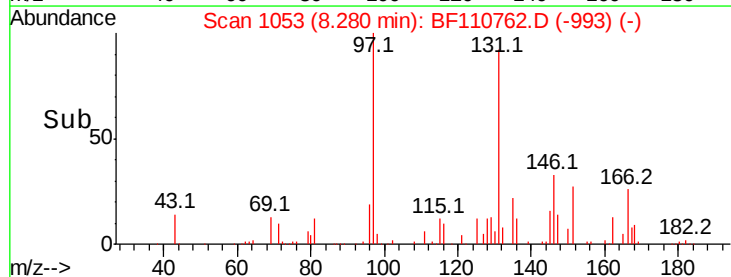
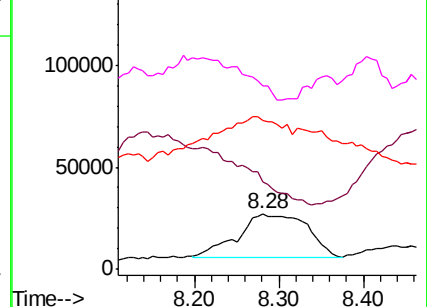


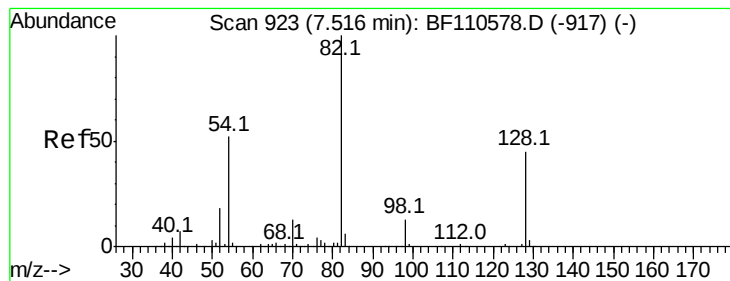
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 92.467 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

Instrument :

BNA_F

ClientSampleId :

FDSB-08(11-13)

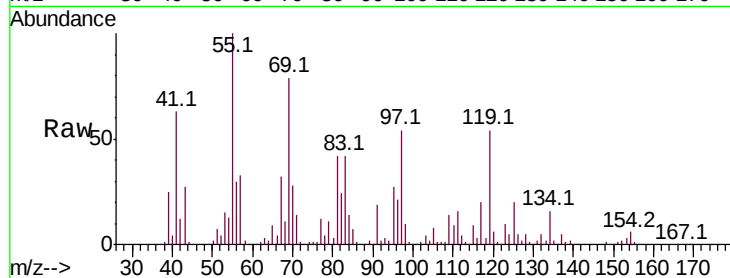
Tot Ion: 82 Resp: 192566

Ion Ratio Lower Upper

82 100

128 18.9 34.2 51.2#

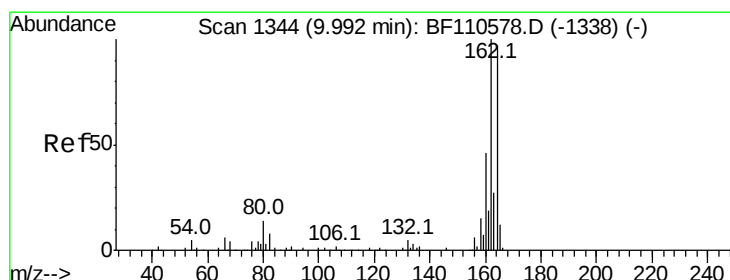
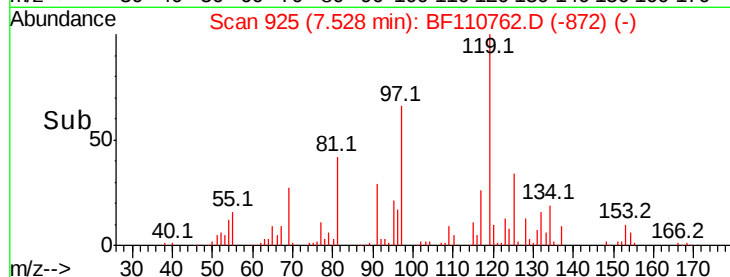
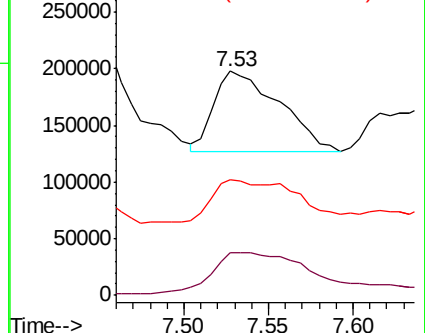
54 51.6 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.09 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

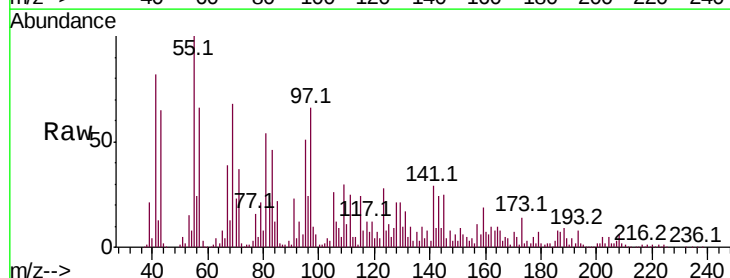
Tgt Ion:164 Resp: 52339

Ion Ratio Lower Upper

164 100

162 96.6 83.0 124.6

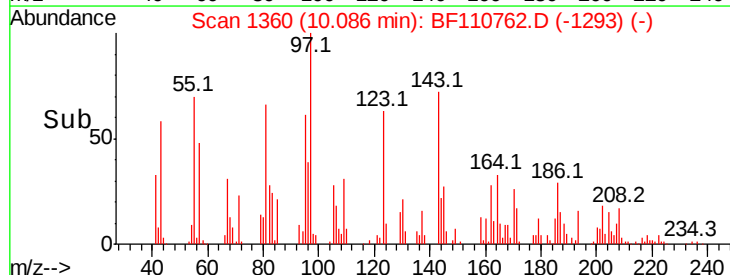
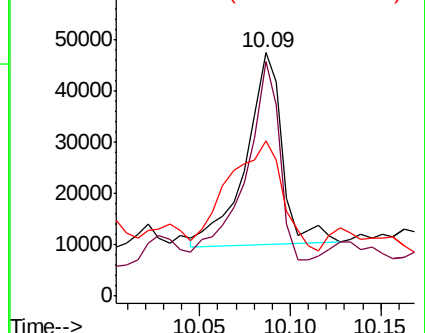
160 63.7 37.0 55.6#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

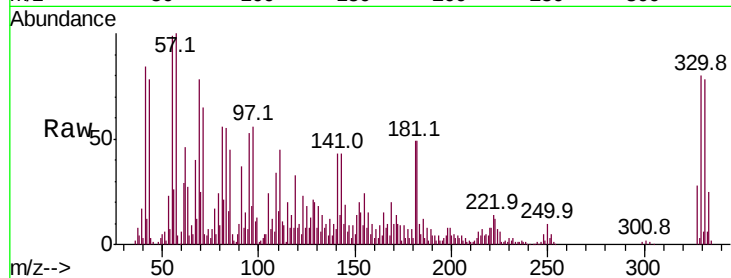




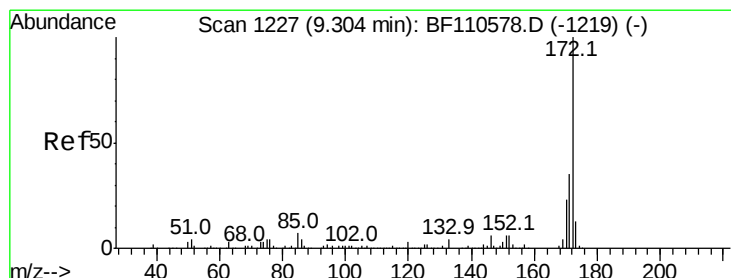
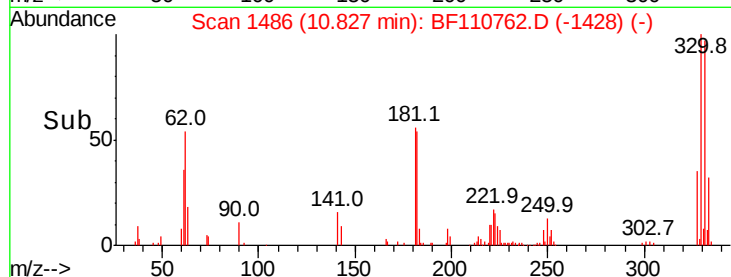
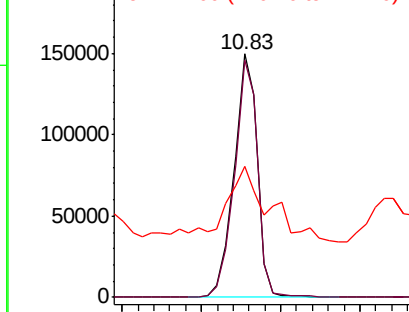
#42
 2,4,6-Tribromophenol
 Concen: 288.059 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.04 min
 Lab File: BF110762.D
 Acq: 14 Nov 2018 14:17

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-08(11-13)

Tot Ion:330 Resp: 151917
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 53.5 27.0 40.4#

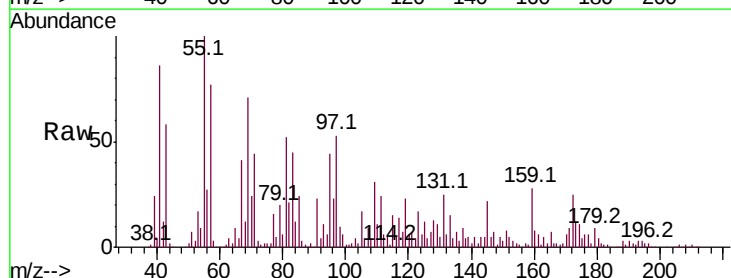


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

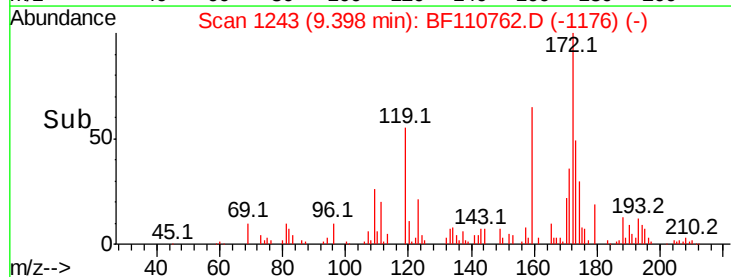
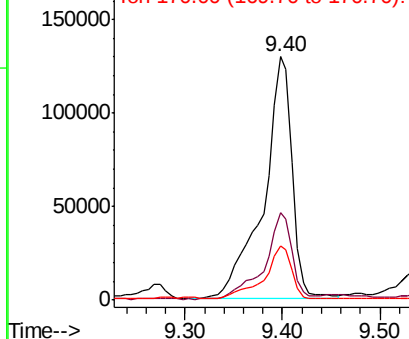


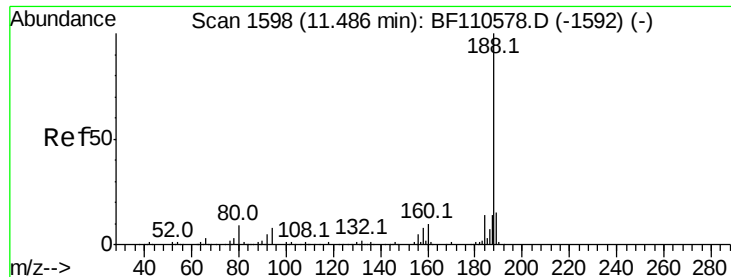
#45
 2-Fluorobiphenyl
 Concen: 72.928 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.09 min
 Lab File: BF110762.D
 Acq: 14 Nov 2018 14:17

Tgt Ion:172 Resp: 267261
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 22.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

Instrument :

BNA_F

ClientSampleId :

FDSB-08(11-13)

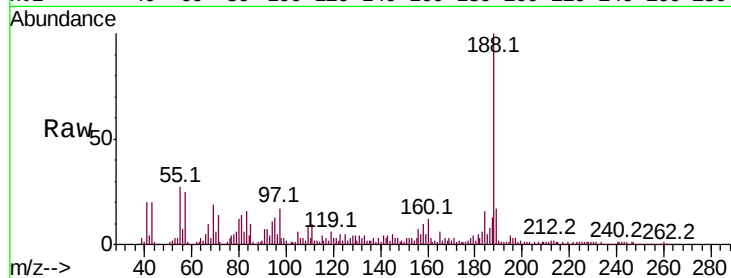
Tot Ion:188 Resp: 233669

Ion Ratio Lower Upper

188 100

94 11.1 7.2 10.8#

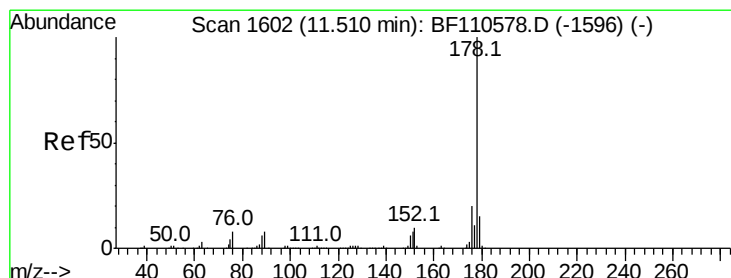
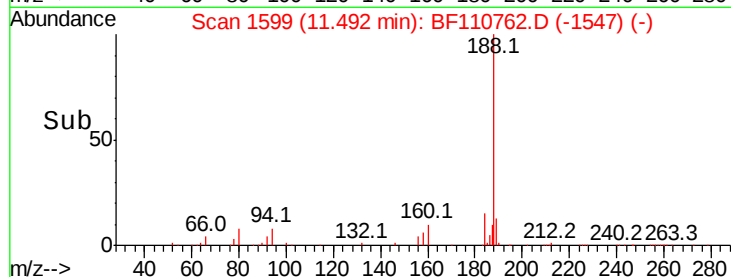
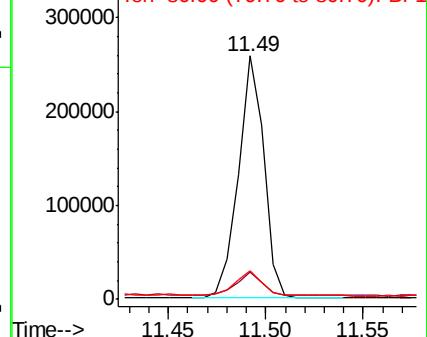
80 11.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 19.987 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

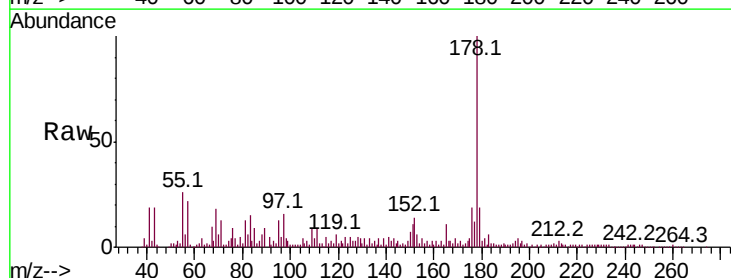
Tgt Ion:178 Resp: 250215

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

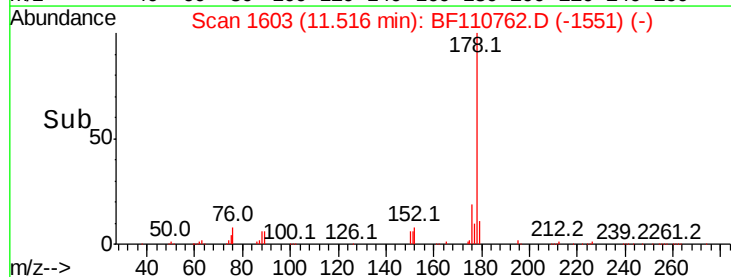
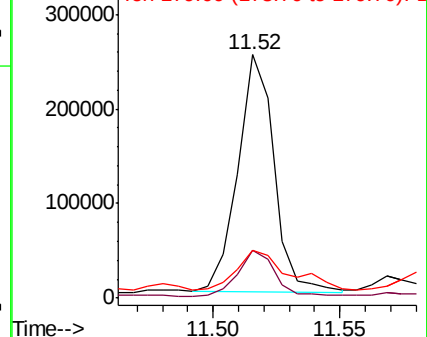
179 19.4 12.5 18.7#

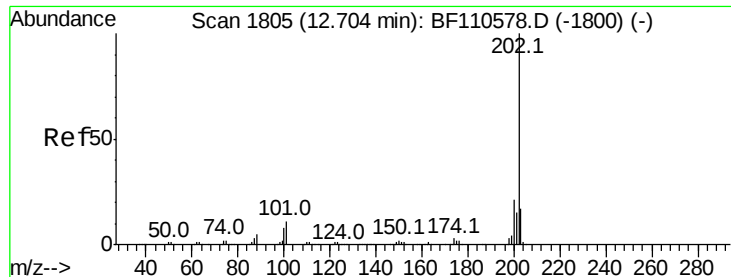


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.369 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

Instrument :

BNA_F

ClientSampleId :

FDSB-08(11-13)

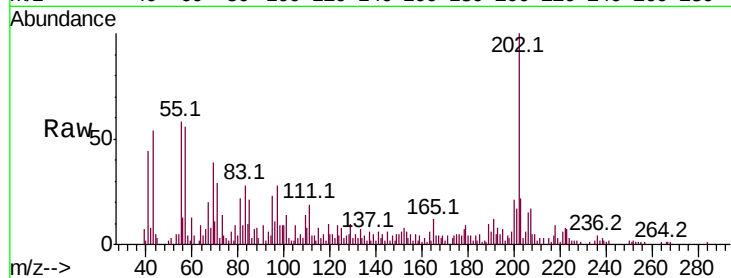
Tot Ion:202 Resp: 29727

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.4

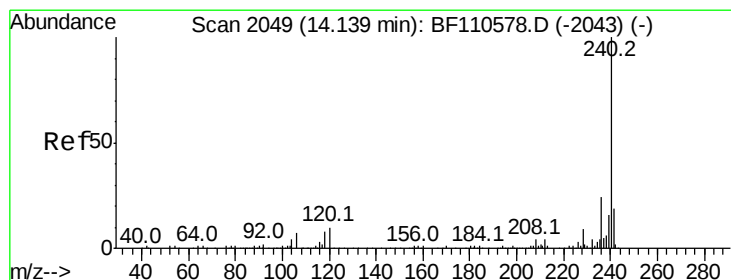
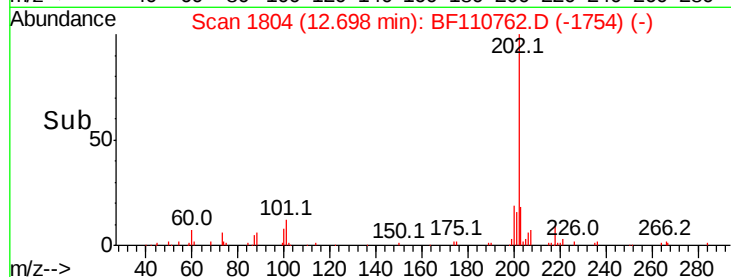
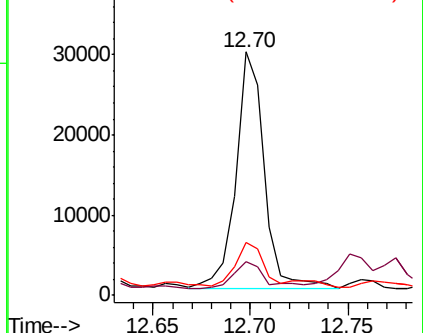
203 21.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

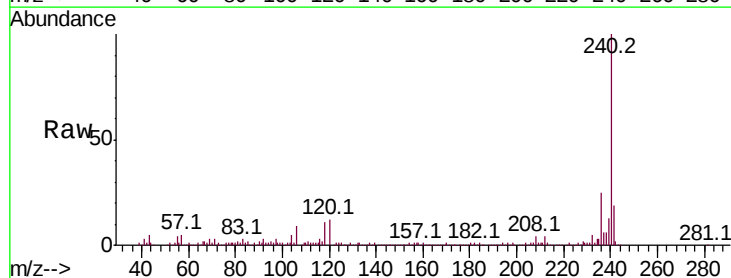
Tgt Ion:240 Resp: 190043

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

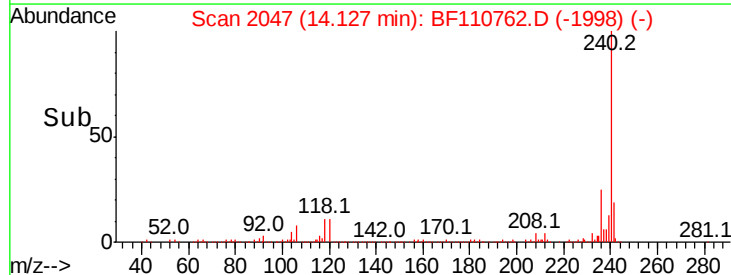
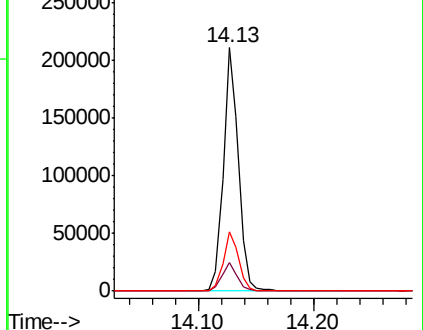
236 24.6 21.2 31.8

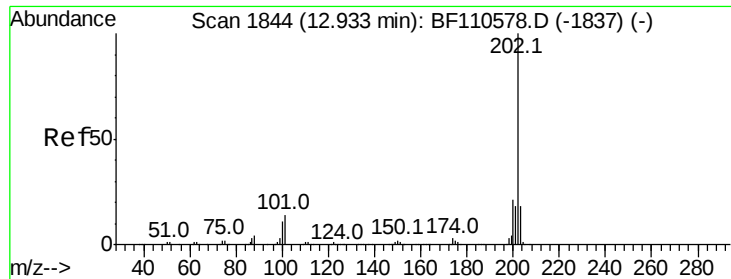


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

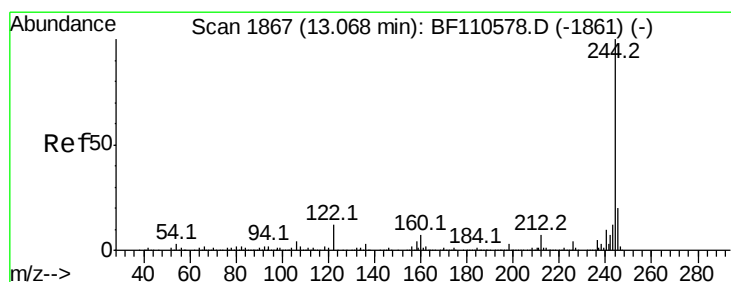
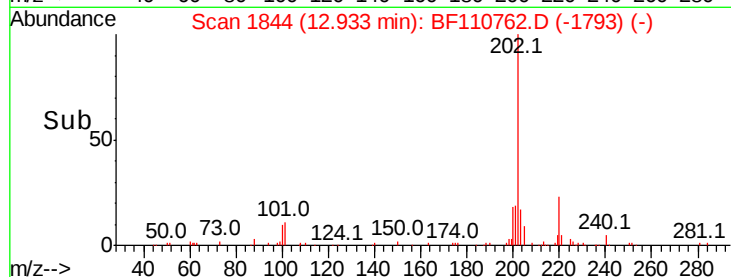
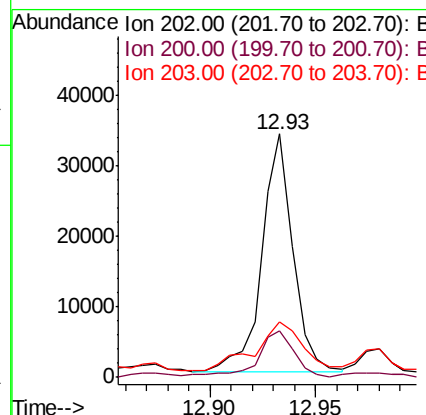
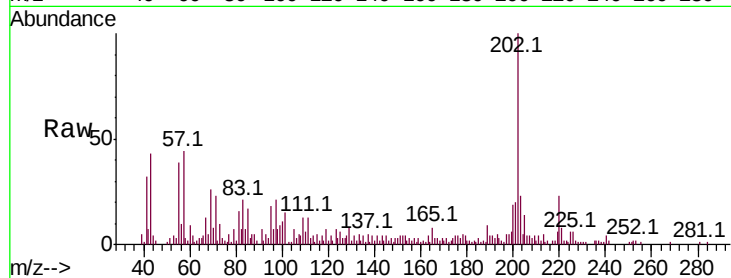




#78
Pvrene
Concen: 2.367 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF110762.D
Acq: 14 Nov 2018 14:17

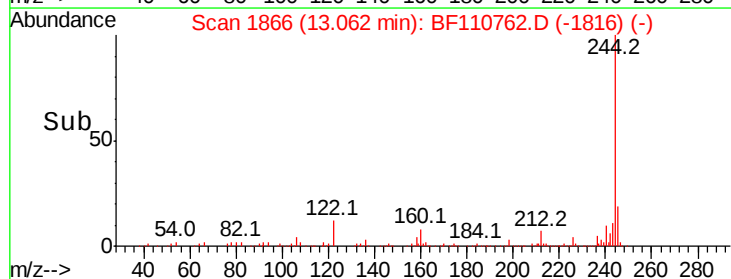
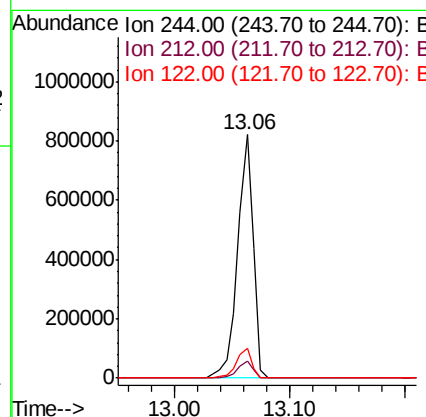
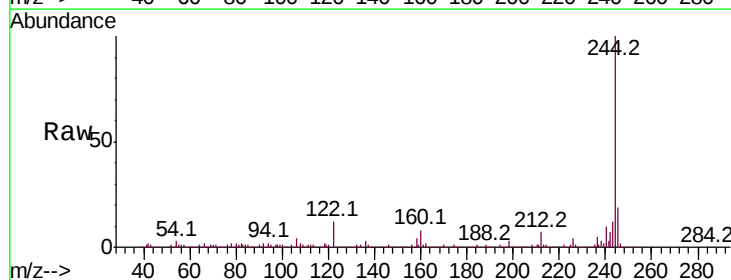
Instrument :
BNA_F
ClientSampleId :
FDSB-08(11-13)

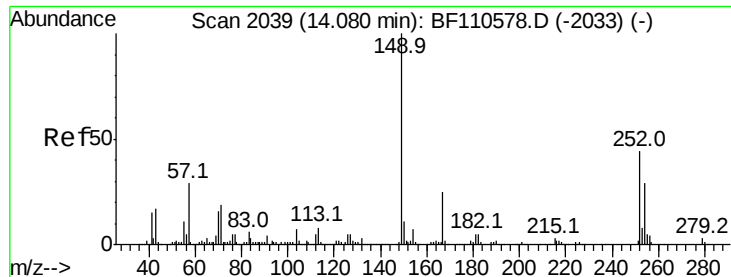
Tot Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.8	26.6
203	22.6	14.2	21.4



#79
Terphenyl-d14
Concen: 75.755 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110762.D
Acq: 14 Nov 2018 14:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.3	8.7	13.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.307 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110762.D

Acq: 14 Nov 2018 14:17

Instrument :

BNA_F

ClientSampleId :

FDSB-08(11-13)

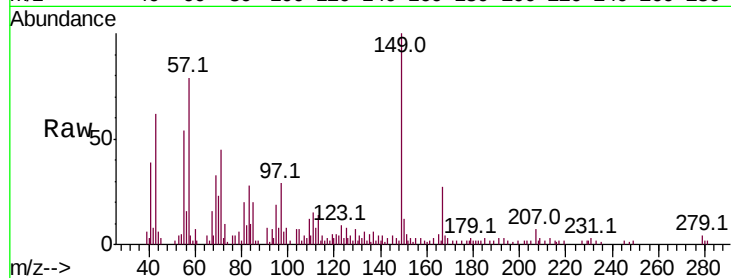
Tot Ion:149 Resp: 18028

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

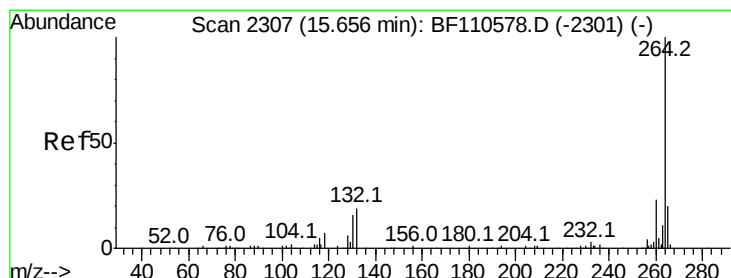
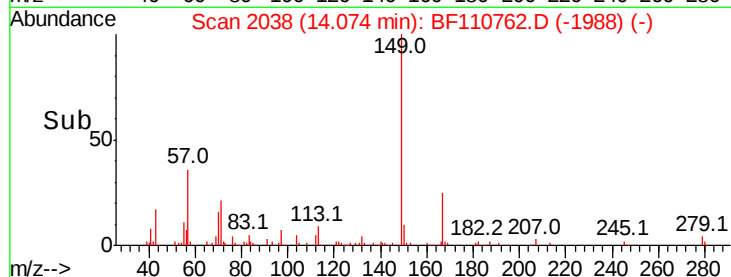
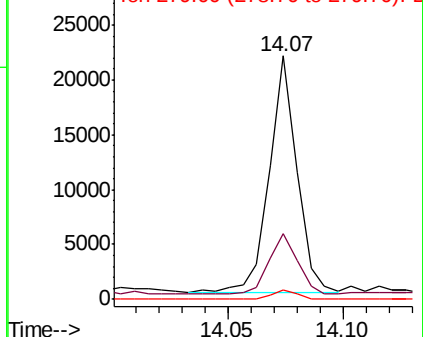
279 3.9 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

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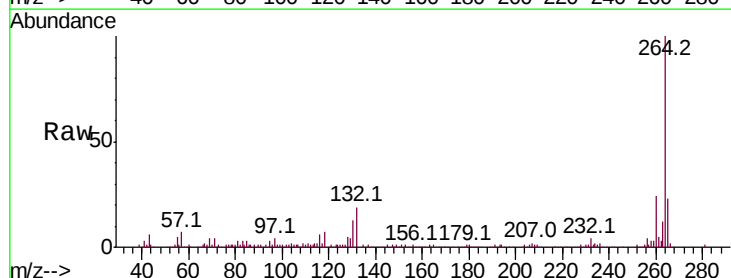
Tgt Ion:264 Resp: 188509

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 23.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

